# CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2008 Certified Company

**NABL** - Accredited Laboratory as per ISO / IEC-17025 : 2005

JAS-ANZ BSCIC ISO 9001 REGISTERED


Job No.: CTCE/BBMP/BTR/W.No.14/WMM/AIV/2016-17

25.08.2016

## Aggregate Impact Value

IS: 2386 Part IV

| | |
|---|---|
| **Customer** | **Asst. Executive Engineer,** T. Dasarahalli Sub Division, BBMP, Bangalore. |
| **Agency** | **Mr. B.T. Ravikumar,** No.180, 3rd Main, H.V.R. Layout, Magadi Road, Bangalore – 560 079. |
| **Name of the Work** | Improvements to Road, Drain, Foot path 12th, 19th and 20th cross Left side Bagalagunte in Ward No.14, BBMP, Bangalore. |
| **Reference** | BBMP/DZ/AEE/TDSD/PR/132/2016-17 Dated: 02.08.2016 |
| **Source / Location** | WMM Plant |
| **Type of Mix** | Wet Mix macadam |
| **Date of Testing** | 25.08.2016 |

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| Sl No. | Details | Trial No. 1 | Trial No. 2 | Average |
|---|---|---|---|---|
| 1 | Total weight of aggregate sample filling the cylindrical measure = $W_1$ g | 390 | 391 | |
| 2 | Weight of agregate passing 2.36 mm sieve after the test = $W_2$ g | 88 | 85 | |
| 3 | Weight of aggregate retained 2.36 mm sieve after the test = $W_3$ g | 355 | 360 | |
| 4 | Aggregate Impact value = percent fines | 22.56 | 21.74 | |
| | $100^* (W_2/W_1)\%$ | | | **22.15** |

Comments:

→ Maximum allowable Aggregate Impact value for Wet mix Macadam is 30%

Civil-Tech Consultants & Engineers Bangalore

**Note:**

→ This test report should not be reproduced except in full, without written approval of the laboratory

→ The results indicated above are based on the tests carried out on the samples received in the laboratory

→ Any Query regarding the report must be reported within 30 days from the date of testing.

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M/s. Civil-Tech Consultants & Engineers
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Bangalore-560079.

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